Section 1. Registration Information

Source Identification

Facility Name:	JBS Tolleson Beef Processing
Parent Company #1 Name:	JBS USA LLC
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	Newly regulated substance above TQ in already covered process (40 CFR 68.190(b)(3))
Description:	
Receipt Date:	06-Dec-2012
Postmark Date:	06-Dec-2012
Next Due Date:	06-Dec-2017
Completeness Check Date:	25-Feb-2013
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	Yes

Facility Identification

EPA Facility Identifier:	1000 0000 1650
Other EPA Systems Facility ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	148361249
Parent Company #1 DUNS:	946763638
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	651 S. 91st Ave.
Street 2:	
City:	Tolleson
State:	ARIZONA
ZIP:	85353
ZIP4:	
County:	MARICOPA

Facility Latitude and Longitude

Latitude (decimal):	33.441389
Longitude (decimal):	-112.252778
Lat/Long Method:	Interpolation - Digital map source (TIGER)
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	10
Horizontal Reference Datum Name:	World Geodetic System of 1984
Source Map Scale Number:	

Owner or Operator

Operator Name:	JBS USA LLC
Operator Phone:	(970) 506-7599

Mailing Address

Operator Street 1:	1770 Promontory Circle
Operator Street 2:	
Operator City:	Greeley
Operator State:	COLORADO
Operator ZIP:	80634
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Linda McDaniel
RMP Title of Person or Position:	Corporate PSM Director
RMP E-mail Address:	linda.mcdaniel@jbssa.com

Emergency Contact

Emergency Contact Name:	Adam Wynn
Emergency Contact Title:	Safety & Health Services Manager
Emergency Contact Phone:	(623) 476-4090
Emergency Contact 24-Hour Phone:	(623) 476-4115
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	adam.wynn@jbssa.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	(623) 936-7177
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Maricopa County LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	1233
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	25-Jan-2010
Last Safety Inspection Performed By an External Agency:	EPA

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:
Preparer Phone:
Preparer Street 1:
Preparer Street 2:
Preparer City:
Preparer State:
Preparer ZIP:
Preparer ZIP4:
Preparer Foreign State:
Preparer Foreign Country:
Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000038999
Description:	Plant Refrigeration
Process Chemical ID:	1000046854
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	30000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process ID:	1000039001
Description:	DC Ammonia Refrigeration
Process Chemical ID:	1000046855
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	10000
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000038999
Process NAICS ID:	1000039383
Program Level:	Program Level 3 process
NAICS Code:	31161
NAICS Description:	Animal Slaughtering and Processing

Process ID:	1000039001
Process NAICS ID:	1000039384
Program Level:	Program Level 3 process
NAICS Code:	49312
NAICS Description:	Refrigerated Warehousing and Storage

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000032224

Percent Weight:	100.0
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP*Comp(TM)
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000034154

Percent Weight:	100.0
Physical State:	Gas liquified by refrigeration
Model Used:	EPA's RMP*Comp(TM)
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	Yes
Other Type:	

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

No description available.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000040342
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7
Prevention Program Level 3 ID:	1000034109
NAICS Code:	31161

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	26-Jan-2012

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	26-Jan-2012

The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	10-Feb-2014

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	
Floods (Flood Plain):	

Tornado:	
Hurricanes:	
Other Major Hazard Identified:	

Process Controls in Use

Vents:	
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	
Neutralization:	
None:	Yes
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	Yes
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	

Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	23-Nov-2012

Training

Training Revision Date (The date of the most recent review or revision of training programs):	03-Dec-2012

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	Yes
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	23-Nov-2012
Equipment Inspection Date (The date of the most recent equipment inspection or test):	01-Aug-2012
Equipment Tested (Equipment most recently inspected or tested):	York Compressor #5

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	20-Sep-2012
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	07-Jun-2011

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	30-Sep-2012

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	24-Jan-2013
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	30-Jun-2014

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	25-Jan-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	08-Aug-2012

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	08-Aug-2012
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	04-Dec-2012

Confidential Business Information

CBI Claimed:	

Description

No description available.

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000040343
Chemical Name:	Ammonia (anhydrous)

Flammable/Toxic:	Toxic
CAS Number:	7664-41-7
Prevention Program Level 3 ID:	1000034110
NAICS Code:	49312

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	16-May-2012

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	16-May-2012

The Technique Used

What If:	
Checklist:	
What If/Checklist:	Yes
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	16-May-2014

Major Hazards Identified

Toxic Release:	Yes
Fire:	Yes
Explosion:	Yes
Runaway Reaction:	
Polymerization:	
Overpressurization:	Yes
Corrosion:	Yes
Overfilling:	Yes
Contamination:	Yes
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	Yes
Earthquake:	
Floods (Flood Plain):	
Tornado:	
Hurricanes:	
Other Major Hazard Identified:	

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	

Manual Shutoffs:	Yes
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	
Backup Pump:	Yes
Grounding Equipment:	Yes
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	Yes
Neutralization:	
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:	
Increase in Chemical Inventory:	
Change Process Parameters:	
Installation of Process Controls:	
Installation of Process Detection Systems:	
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	Yes
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	09-May-2012

Training

Training Revision Date (The date of the most recent review or revision of training programs):	11-May-2012

The Type of Training Provided

Classroom:	
On the Job:	Yes
Other Training:	

The Type of Competency Testing Used

Written Tests:	
Oral Tests:	
Demonstration:	Yes
Observation:	Yes
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	09-May-2012
Equipment Inspection Date (The date of the most recent equipment inspection or test):	03-May-2012
Equipment Tested (Equipment most recently inspected or tested):	Entire System

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	11-May-2012
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	07-Jun-2011

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	04-Jun-2012

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	24-Jan-2013

Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	30-Jun-2014

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	25-Jan-2011

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	08-Aug-2012

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	08-Aug-2012
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	01-Jul-2012

Confidential Business Information

CBI Claimed:	

Section 8. Program Level 2

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	28-Nov-2012

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	23-Oct-2012

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Tolleson Fire Department
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(623) 936-8500

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	Yes
Clean Water Regulations at 40 CFR 112:	Yes
RCRA Regulations at CFR 264, 265, and 279.52:	
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	Yes
State EPCRA Rules or Laws:	
Other (Specify):	

Executive Summary

This Executive Summary is to inform all interested persons, including employees that the JBS USA Tolleson AZ Beef Processing Facility is complying with OSHA's Process Safety Management Standard (PSM) Title 29 Code of Federal Regulations (CFR) 1910.119 and EPA's Risk Management Program regulations (RMP) Title 40 CFR Part 68, to deal with the risks involved with the storage, handling, and processing of hazardous chemicals. In this way we promote overall plant, employee and public safety.

These programs help this facility to prevent the occurrence, and minimize the consequences, of significant releases of toxic substances as well as fires, explosions, and other types of catastrophic accidents. Overall, these programs help prevent accidental fatalities, injuries and illnesses and avoid physical property damage. Our safety programs are applied to any activity involving hazardous chemicals including any use, storage, manufacturing, handling, or the on-site movement of such chemicals, or combination of these activities. This facility has two refrigeration systems using Anhydrous Ammonia as the refrigerant, one for the Main Processing Plant and another system for the new DC. The amount of Anhydrous Ammonia contained in both of these systems is above the EPA threshold reporting quantity required to comply with the RMP standards.

JBS USA is committed to the safety of its employees and the surrounding community. This commitment includes both human health and the protection of the environment. Safety is ensured through careful preventative measures and emergency planning. The intent of our release prevention policy is to minimize all potential risks that could possibly lead to an accidental ammonia release. This program focuses primarily on the safe operation and the mechanical integrity of the process equipment. Our safety programs help to prevent accidents because they focus on rules, procedures, and practices which govern individual processes, activities or pieces of equipment. These rules are detailed and improved as necessary. They are also communicated to and accepted by all employees at the facility.

This facility's emergency response program is based on the OSHA requirements for Emergency Action Plans (OSHA 29 CFR 1910.38 and 1910.119) and HAZWOPER (OSHA 29 CFR 1910.120). This program includes an emergency response notification plan, emergency response drills and drill evaluations. We have trained employee for emergency response and maintain a written emergency response plan. This plan is coordinated with the local Fire Department and ensures that employees are trained on the proper response to an emergency situation.